



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

General Rescue Technician (GRT) Skill Stations

NFPA 1006 – Chapter 5 (2013 Edition)

Station A	Scene Control and Resource Management	Mandatory Station
Station B	Conducting a Search	Mandatory Station
Station C	Helicopter Ground Support	Mandatory Station
Station D	Victim Management in a Low Angle Environment	Mandatory Station
<i>Station D-1</i>	<i>Victim Management: Triage, Assess, Stabilize</i>	<i>See Note Below</i>
Station E	Equipment Inspection & Maintenance	Random Station
Station F	Knots	Random Station
Station G	Ropes / Rigging: Single Point Anchor & Simple Mechanical Advantage System	Random Station
Station H	Ropes / Rigging: Single Point Anchor & Construction of a Lowering System	Random Station
Station I	Ropes / Rigging: Construct and Operate a Belay System to Belay a Falling Load	Mandatory Station

NOTE

Skill Station D-1 is required for individuals who do not have a Department of Health EMS certification (i.e., EMR, EMT, Paramedic or higher). Individuals must possess a recognized medical training course (a list is provided in the candidate handbook) and are required to test Skill Station D-1 in addition to all other required skills.



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION A – Scene Control & Resource Management (Site Operations)		Reference NFPA 1006 (2013 Edition), Chapters 4 & 5 Mandatory Station: JPRs 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.7, 4.1.1, 4.1.2	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given a specific type of rescue scenario, incident information, means of communications, ample resources, tactical worksheets, personnel accountability protocol, scene control barriers, and PPE, perform a scene size-up, manage the hazards and resources, and implement termination procedures for a technical rescue incident. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **16 of 16** tasks being correctly performed.

No.	Tasks	Yes	No	
1	Establishes an identifiable Incident Management System			
2	Completes size-up using observations, victims, bystanders, or site information			
3	Establishes work zones (hot, warm, cold) and routes of entry and exits for scene			
4	Utilizes a tactical worksheet or hazard specific reference material			
5	Identifies resource needs, operates control, and mitigation equipment			
6	Utilizes a personnel accountability system			
7	Performs a hazard analysis			
8	Deploys resources to priorities and tracks equipment inventory			
9	Establishes a rehabilitation area and manages personnel rotations			
10	Communicates assignments to personnel via appropriate communications equipment			
11	Controls communication and relay information			
12	Monitors hazards continuously, identifies lighting resources and structures for shelter			
13	Assure scene is made safe			
14	Equipment and personnel are restored and ready for service			
15	Incident report, trip sheet, or other required documentation is completed			
16	Completes all tasks without compromising personal or team safety			
Please indicate skill outcome			PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION B – Conducting A Search (<i>Site Operations</i>)		Reference NFPA 1006 (2013 Edition), Chapters 4 & 5 Mandatory Station: JPRs 5.2.5, 4.1.1, 4.1.2	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given hazard-specific PPE, equipment pertinent to the search assignment, an incident location, victim(s) profile(s), and working as a member of a search team, establish search parameters and conduct a thorough and systematic search. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **10 of 10** tasks being correctly performed.

No.	Tasks	Yes	No
1	Establishes an identifiable Incident Management System		
2	Search parameters are established		
3	Victim profile is established and communicated		
4	Search is systematic and thorough		
5	Search is expedient given the conditions		
6	Communications are maintained between team members		
7	All rescuers safely exit the search area, performs self-escape (if applicable)		
8	Hazards are effectively managed		
9	A Personnel Accountability System (PAR) is utilized		
10	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION C – Helicopter Ground Support (Support Operations)		Reference NFPA 1006 (2013 Edition), Chapters 4 & 5 Mandatory Station: JPRs 5.2.6, 4.1.1, 4.1.2	
Test Site	Test Date	Candidate #	Check the Test Type _____Initial _____Retest

Directions: Using a pre-determine site, applicable resources, and PPE, and as a member of a team, establish a landing zone for a medical evacuation helicopter in accordance with local or jurisdictional protocol and communicate with the aircraft crew in an effective and efficient manner. The task **MUST** be accomplished without compromising the safety of the air crew or ground personnel. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **9 of 9** tasks being correctly performed.

No.	Tasks	Yes	No
1	Conducts a scene size-up and identifies: <ul style="list-style-type: none"> a. hazards b. available resources (personnel and equipment) c. need for air operations 		
2	Selects and dons appropriate PPE		
	Establishes and controls the landing zone		
3	Selects appropriate site/area per standard operating guidelines		
4	Identifies visible hazards		
5	Identifies fire protection needs		
6	Corners of landing zone marked appropriately for conditions		
7	Communicates conditions and hazards effectively with aircraft crew		
8	Establishes and maintains scene safety		
9	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION D – Victim Management in a Low Angle Environment		Reference NFPA 1006 (2013 Edition), Chapters 4 & 5 Mandatory Station: JPRs 5.3.1, 5.3.2, 5.3.3, 5.5.5, 5.5.6, 5.5.7, 4.1.1, 4.1.2, 4.3.1, 4.3.2	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: Per NFPA 1006 (2013 edition) Chapter 3 Definitions (3.3.116), *Low Angle* refers to an environment in which the load is predominately supported by itself and not the rope rescue system (e.g., flat land or mild sloping surface). For this station, the load must be moved at least 10 feet.

Directions: As a member of a team, and while using personal protective equipment, first aid kit and triage tags, tool kits, victim transport equipment and removal systems appropriate to the specific rescue environment, triage accessible victims, effectively assess a victim’s medical condition, and execute basic life support maneuvers so that the victim’s airway is not compromised, severe bleeding is controlled, spinal immobilization precautions are taken, and the victim is treated for shock; then secure and remove a patient from a low angle environment while being directed using operational commands., monitor patient responsiveness and transfer the patient to EMS personnel so that undue further injuries are prevented and patient information is effectively communicated. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **10 of 10** tasks being correctly performed.

No.	Tasks	Yes	No
1	Identifies and manages hazards prior to entering hot/work zone and works within an established ICS system		
2	Utilizes Body Substance Isolation/Universal precautions		
3	Establishes an access route to the victim(s)		
4	Performs victim triage and appropriately attaches triage tags		
5	Verbalizes the general impression of the patient(s). (Determines responsiveness and assesses the patient’s airway, breathing, and circulation)		
6	Effectively asses the patient(s): vital signs assessed and recorded (pulse, respirations and BP at a minimum) so that life threats are managed		
7	Selects appropriate patient packaging equipment		
8	Effectively packages the patient (spine is stabilized, injuries are managed, and the patient is properly secured to equipment), safety harness is attached to rope system		
9	Directs personnel effectively using operational commands		
10	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION D-1 - Victim Management: Triage, Assess, and Stabilization		Reference NFPA 1006 (2013 Edition), Chapters 4 & 5 Mandatory Station: JPRs 4.2, 5.3.1, 5.3.2, 5.3.3	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: This station is used for individuals who do not possess a current Department of Health certification (i.e., EMR, EMT, Paramedic or higher).

Directions: Using PPE, including Airborne and Bloodborne Pathogen (i.e., Body Substance Isolation) equipment, medical supplies, triage tags, and tool kits, triage accessible victims, effectively assess victim's medical condition, and execute basic life support maneuvers so that the victim's airway is not compromised, severe bleeding is controlled, spinal immobilization precautionary techniques are used, and the victim is treated for shock. Do you have any questions?

Performance Outcome: Pass / Fail will be determined by **7 of 7** tasks being correctly performed.

No.	Tasks	Yes	No
1	Utilizes PPE/BSI		
2	Performs victim triage and appropriately attaches triage tags		
3	Verbalizes the general impression of the patient(s)		
4	Determines responsiveness and assesses the patient's airway, breathing and circulation		
5	Effectively assesses the patients(s) vital signs and records (at a minimum) pulse, respirations, and blood pressure		
6	Effectively and appropriately applies spinal immobilization devices and manages life threatening injuries		
7	Completes the assignment in a professional manner		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION E - Inspection & Maintenance		Reference NFPA 1006 (2013 Edition), Chapters 4 & 5 Random Station: JPRs 5.4.1, 5.4.2	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: Given clothing or equipment for the protection of the rescuers, cleaning and sanitation supplies, maintenance/inspection logs or records, required tools and manufacturers' guidelines, inspect the hazard specific PPE and specialized equipment used during technical rescue operations so that the equipment is maintained and determined to be service ready or defective and removed from service. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **7 of 7** tasks being correctly performed.

No.	Tasks	Yes	No
1	Identifies and utilizes the manufacturer's service/maintenance guidelines		
2	Inspects and maintains hazard specific PPE and respiratory protection		
3	Inspects and maintains hazard specific rescue equipment		
4	Communicates defects, tags and removes damaged equipment from service		
5	Completes equipment maintenance logs/records as appropriate		
6	Identifies undamaged equipment as service ready		
7	Completes the assignment in a professional manner		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION F - Ropes/Rigging (<i>Knots</i>)		Reference NFPA 1006 (2013 Edition), Chapter 5 Random Station: JPR 5.5.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: The candidate will tie knots, bends, and hitches, given rope and webbing, so that the knots are properly dressed, recognizable, and a safety is applied as required. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **11 of 11** tasks being correctly performed.

No.	Tasks	Yes	No
1	Ties a Figure 8 on a bight w/safety		
2	Ties a Figure 8 follow-through w/safety		
3	Ties a In-line Figure 8 or butterfly (three way)		
4	Ties a clove hitch w/safety		
5	Ties a half hitch		
6	Ties a bowline w/safety		
7	Ties a double fisherman's/grapevine w/safety (or adequate tail)		
8	Ties a square knot w/safety		
9	Demonstrates ability to tie a Prussik hitch to mainline		
10	Ties a tensionless hitch/high strength tie-off (minimum of 4 wraps around an anchor)		
11	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION G - Ropes/Rigging (<i>Single Point Anchor & Simple Mechanical Advantage System</i>)		Reference NFPA 1006 (2013 Edition), Chapter 5 Random Station: JPRs 5.5.2, 5.5.3, 5.5.4, 5.5.5, 5.5.1	
Test Site	Test Date	Candidate #	Check the Test Type _____Initial _____Retest

Evaluator Note: Per NFPA 1006 (2013 edition) Chapter 3 Definitions (3.3.4.2) *Anchor System, Single Point* refers to an anchor system configuration utilizing a single anchor point to provide the primary support for the rope system. Per NFPA 1006 (2013 edition) Chapter 3 Definitions (3.3.121.2) *Simple Rope Mechanical Advantage System* refers to a rope mechanical advantage system containing a single rope and one or more moving pulleys (or similar devices), all traveling at the same speed and in the same direction, attached directly or indirectly to the load mass; and may contain one or more stationary pulleys (or similar devices), so that the force on the system is distributed approximately evenly among its support rope segments.

Directions: Given the appropriate specialized equipment and rescue incident information (e.g., victim(s), type of rescue, and special needs), construct and operate (using operational commands) a single point anchor system capable of supporting the identified load and a simple rope mechanical advantage system with the hauling capacity that meets or exceed the demands of the rescue incident. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **10 of 10** tasks being correctly performed.

No.	Tasks	Yes	No
1	Evaluates the rescue scene for special needs and equipment, including personnel fall protection		
2	Constructs a single point anchor system capable of supporting the identified load		
3	Constructs a simple rope mechanical advantage system with the hauling capacity to meet the demands of the incident		
4	Performs a system safety check of the existing fixed rope system (i.e., physical, load test and audible or visual)		
5	Performs a load test prior to live loading the system		
6	All knots are tied correctly and secured with a safety		
7	Rope and equipment are protected from cuts and abrasions, and the critical angles (e.g., 120 degrees) are not exceeded		
8	System constructed allows the load to be secured in place		
9	Directs personnel effectively using operational commands		
10	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION H - Ropes/Rigging (<i>Single Point Anchor & Construction of a Lowering System</i>)		Reference NFPA 1006 (2013 Edition), Chapter 5 Random Station: JPRs 5.5.1, 5.5.2, 5.5.3, 5.5.4, 5.5.8, 5.5.9, 5.5.10	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: Per NFPA 1006 (2013 edition) Chapter 3 Definitions (3.3.4.2) *Anchor System, Single Point* refers to an anchor system configuration utilizing a single anchor point to provide the primary support for the rope system. Per NFPA 1006 (2013 edition) Chapter 3 Definitions (3.3.117) *Lowering System* refers to a rope rescue system used to lower a load under control. For this station, the load must be moved at least 10 feet.

Directions: Given an anchor system, life safety rope(s), descent control devices, and auxiliary rope rescue equipment, construct and operate a lowering system so that the system accommodates an identified load, is efficient, can control the descent, can hold the load in place or lowering with minimal effort over the required distance, and is connected to an anchor system and the load. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **8 of 10** tasks being correctly performed.

No.	Tasks	Yes	No
1	Evaluates the rescue scene for special needs and equipment.		
2	Constructs a single point anchor system capable of supporting the identified load		
3	Constructs a single rope lowering system using an appropriate descent control device		
4	Performs a system safety check of the existing fixed rope system (physical, load test and audible or visual)		
5	Performs a load test prior to live loading the system		
6	All knots are tied correctly and secured with a safety		
7	Rope and equipment are protected from cuts and abrasions, and critical angles (120 degrees) are not exceeded		
8	System constructed allows the load to be secured in place		
9	Directs personnel effectively using operational commands		
10	Completes all tasks without compromising personal or team safety (<i>Mandatory to Pass</i>)		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY GENERAL RESCUE TECHNICIAN SKILL STATIONS

STATION I - Ropes/Rigging (<i>Construct and Operate a Belay System to Belay as Falling Load</i>)		Reference NFPA 1006 (2013 Edition), Chapter 5 Mandatory Station: JPRs 5.5.4, 5.5.9, 5.5.10, 5.5.11, 5.5.12, 5.5.1, 5.5.3	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator note: Per NFPA 1006 (2013 edition) Chapter 3 Definitions (3.3.11) *Belay* refers to the method by which a potential fall distance is controlled to minimize damage to equipment and injury to a live load.

Directions: Given life safety rope, a simulated life load, an anchor system, PPE, and auxiliary rope rescue equipment, construct a belay system, operate a belay system (during raising or lowering), and belay a falling simulated life load, so that the belay system is not loaded during normal operation, the belay system is capable of arresting the fall, actuation of the belay system does not render the belayer ineffective, the system is prepared for actuation at all times, and the belay system successfully arrests the fall. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **11 of 11** tasks being correctly performed.

No.	Tasks	Yes	No	
1	Evaluates the rescue scene for special needs and equipment			
2	Establishes a suitable anchor for the belay system			
3	Constructs a belay system adequate for the simulated live load			
4	Constructs a belay system which is not loaded under normal operations			
5	Performs a system safety check (i.e., physical, load test and audible or visual) and verbally announces results			
6	Performs a load test prior to live loading the system			
7	Ties all knots correctly and knots are secured with a safety			
8	Rope and equipment are protected from cuts, abrasions, and critical angles (120 degrees) are not exceeded			
9	Operates a belay system during a raising and lowering operation			
10	Belay system successfully arrests the falling load			
11	Completes all tasks without compromising personal or team safety			
Please indicate skill outcome			PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____